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PTO/SB/21 (08-00)

## TRANSMITTAL Filing Date Filing Date January 24, 1997 First Named Inventor Group Art Unit Examiner Name O. Nadav

(to be used for all correspondence after initial filing) Total Number of Pages in This Submission Attorney Docket Number 0756-1626 ENCLOSURES (check all that apply) Assignment Papers After Allowance Communication to Fee Transmittal Form (for an Application) Drawing(s) Appeal Communication to Board Fee Attached of Appeals and Interferences Declaration and Power of Amendment / Reply Appeal Communication to Group Attomey (Appeal Notice, Brief, Reply Brief) Licensing-related Papers X After Final Proprietary Information Petition Affidavits/declaration(s) Status Letter Petition to Convert to a **Extension of Time Request** Other Enclosures **Provisional Application** Change of Correspondence Power of Attorney, Revocation **Express Abandonment Request** Address Form Change of Correspondence Information Disclosure Statement Address 3. Certified Copy of Priority **Terminal Disclaimer** 4. 5. Document(s) Request for Refund Response to Missing Parts/ CD, Number of CD(s) Incomplete Application Remarks The Commissioner is hereby authorized to charge any additional Response to Missing Parts fees required or credit any overpayments to Deposit Account No. 50= under 37 CFR 1.52 or 1.53 2280 for the above identified docket number. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Eric J. Robinson, Reg. No. 38,285 Firm Robinson Intellectual Property Law Office, P.C. **PMB 955** Individual name 21010 Southbank Street Potomac Falls, VA 20165 Signature August 1, 2002 Date **CERTIFICATE OF MAILING** I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on the date indicated below. Ava M/Dixon Type or printed name August 1, 2002 Date Signature

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## THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of Shunpei YAMAZAKI et al.

Serial No. 08/788,560

Filed: January 24, 1997

For: SEMICONDUCTOR DEVICE AND: )

METHOD OF FORMING THE SAME)

) - Art Unit: 2811

Examiner: O. Nadav-

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**AMENDMENT** 

Honorable Commissioner of Patents

Washington, D.C. 20231

Sir:

In response to the Office Action dated May 1, 2002, please amend the above-lidentified application as follows:

IN THE CLAIMS:

Please amend claims 78, 84, 90, 96, 102, 110, 118, 126, 134, 140/146, and 152 as follows:

78. (Amended) A semiconductor device comprising:

a semiconductor layer including a channel region and source and drain regions in contact with said channel region at a source-channel boundary and a drain-channel boundary, respectively;

a gate electrode adjacent to said channel region with a gate insulating film interposed therebetween; and

a region formed in the vicinity of at least one of said source-channel boundary and said drain-channel boundary in said semiconductor layer, said region containing one or more elements selected from the group consisting of carbon, nitrogen, and oxygen at a concentration of 1 x  $10^{19}$  atoms/cm<sup>3</sup> or more,

1